

AN: PAT 1989-167727
TI: Selective chemical vapour deposition using fine powder
packed around non plated sections to prevent vapour deposition
and so plating of the sections
PN: GB2210387-A
PD: 07.06.1989
AB: Objects to be partially coated by a vapour deposition
process e.g. aluminium coating, are protected in the areas not
requiring coating, by surrounding these areas with a protective
vapour absorptive nickel and alumina powder, or a powder having
the same compsn. as the component to be coated. Appts.
comprises a box structure with aperture to receive the object
to be coated and filled with a protective powder.; The process
is useful for protecting areas of surface not required to be
coated during a vapour chemical deposition process and
particularly in the mfr. of gas turbine blades or similar, the
roots of which can be embedded in a powder filled box structure,
whilst the blades protrude through to be alumina coated.
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